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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Jeffrey Thomas REID )  
 SERIAL NO: 10/068,128 ) Group Art Unit: 1764  
 FILED: February 5, 2002 ) Examiner: V. Manoharan  
 TITLE: SOLAR STILL

THE COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

AMENDED CLAIMS

1. (currently amended) A solar still comprising:
- a hollow horizontally extending porous absorber body,
  - ~~a substantially horizontally extending porous absorber body,~~
  - a body positioner to expose the said porous absorber body to solar radiation,
  - a feeder to introduce feed liquid into the said porous absorber body,
  - a condenser, of non-porous material that is substantially transparent to solar radiation, substantially enveloping the said porous absorber body,
  - the said condenser being inclined slightly horizontally ~~inclined downwardly~~,
  - a flow controller to regulate the rate of flow of feed liquid into the said porous absorber body, said rate of flow regulated to achieve an operating temperature of said feed liquid in said porous absorber body,
  - and
  - a harvester for the removal of distillate from the said condenser;
  - ~~wherein said still operates at a temperature of greater than 80° Celsius~~ wherein said porous absorber body extends between two ends,